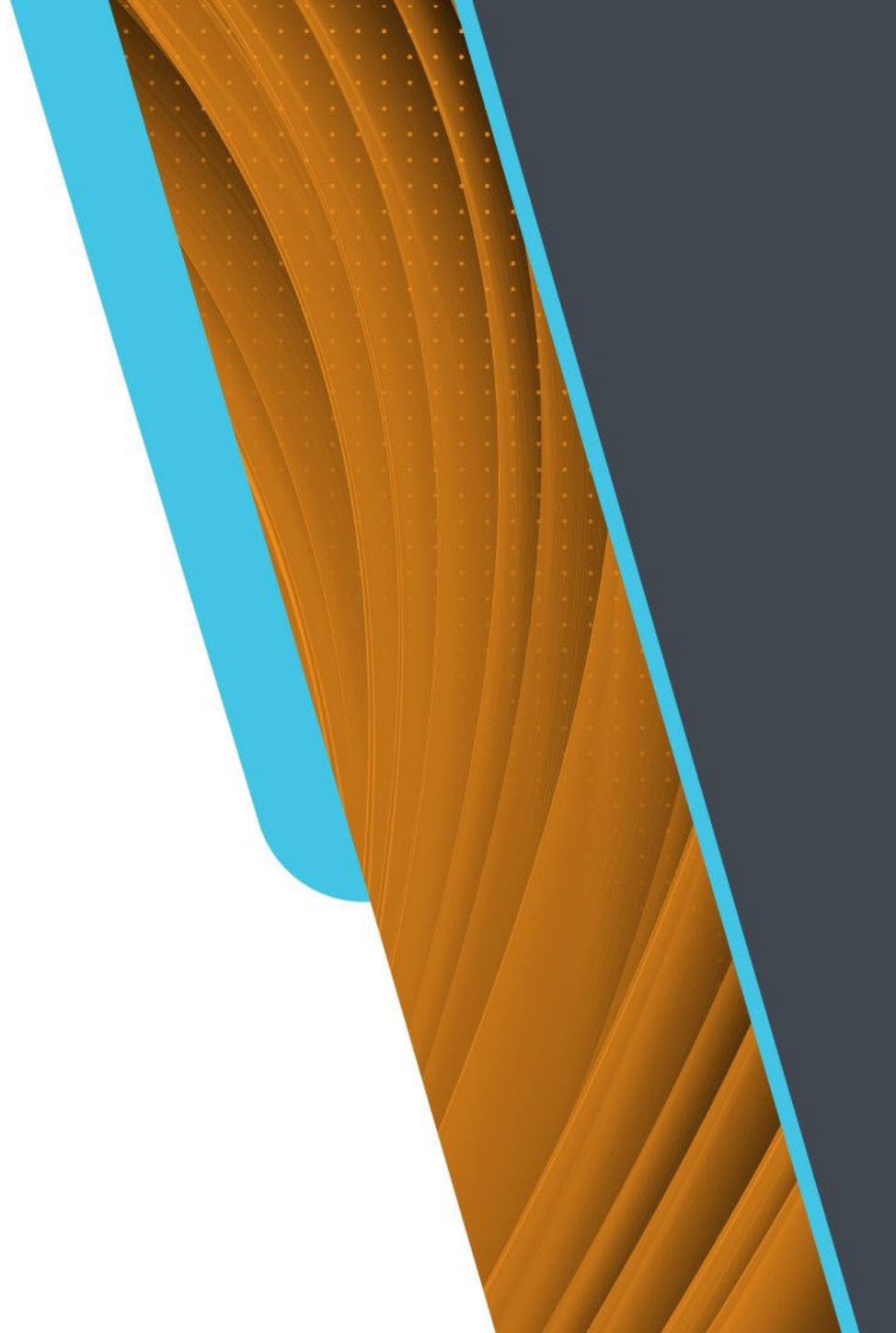
a16zSummit



Life in 2030

SPEAKER

Frank Chen, Andreessen Horowitz

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Prepping for the Day

Source: The Interior Gallery | Under Armour | Ori

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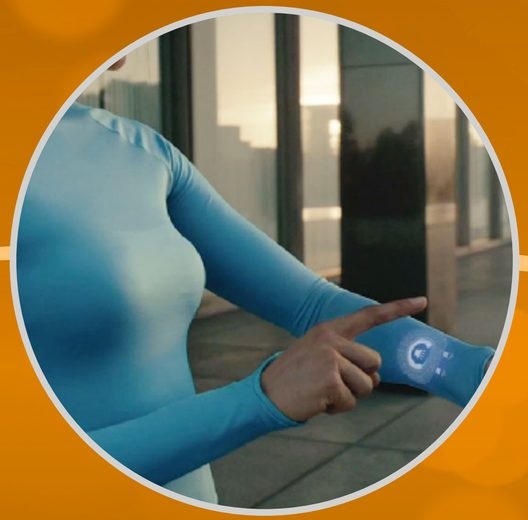

Source: The Interior Gallery | Under Armour | Ori

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Source: The Interior Gallery | Under Armour | https://oriliving.com/

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Source: Ori

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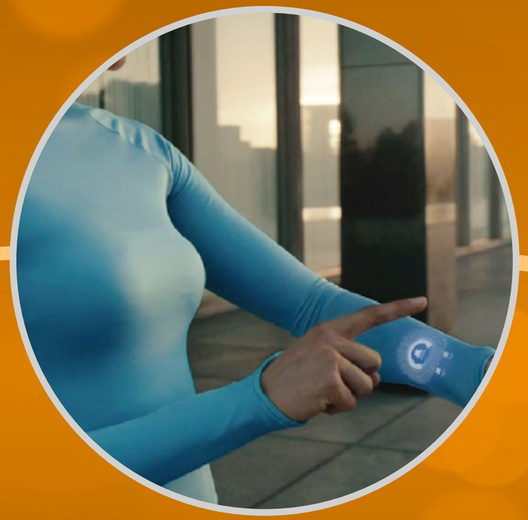

Source: The Interior Gallery | Under Armour | Ori

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Source: Oak Labs | Samsung

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Scenes From Work

Source: https://www.magicleap.com/news/op-ed/i-am-mica | wafrica.jp | https://connect.unity.com/p/vr-meeting-room

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Source: sumally.com

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Source: https://www.techinasia.com/indonesia-foreign-startups-10-things-know-list

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YES
YES
TIRED
YES
NO

Source: https://www.techinasia.com/indonesia-foreign-startups-10-things-know-list

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Source: https://www.techinasia.com/indonesia-foreign-startups-10-things-know-list

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The New Mall

Source: https://thedroneracingleague.com/races/adventure-dome/ | https://eksobionics.com/eksoworks/eksovest/

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Adventuredome
THEME PARK
CIRCUS CIRCUS
LAS VEGAS

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Back Home

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Rent Cocktail Bar for the After-Move Party

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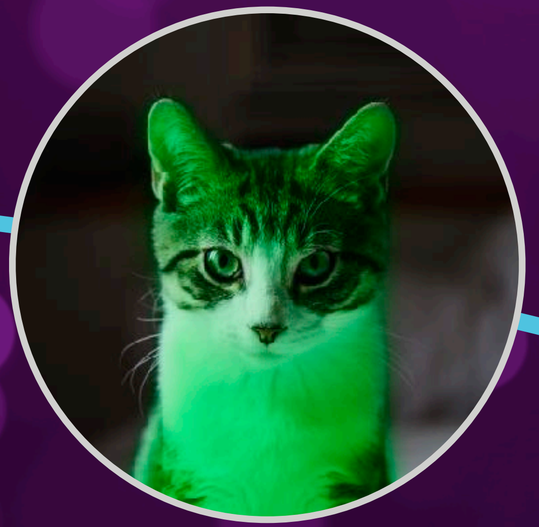

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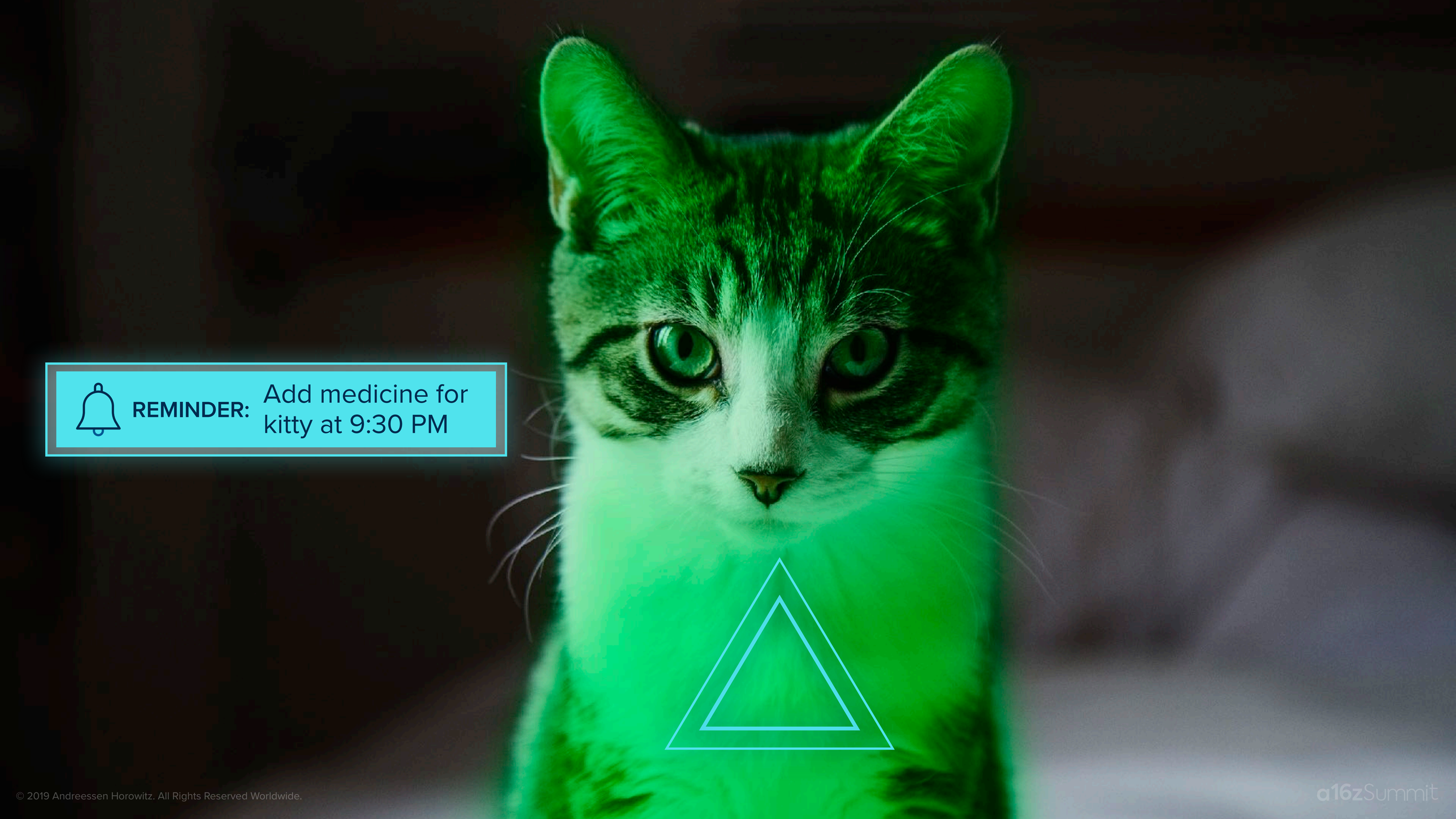

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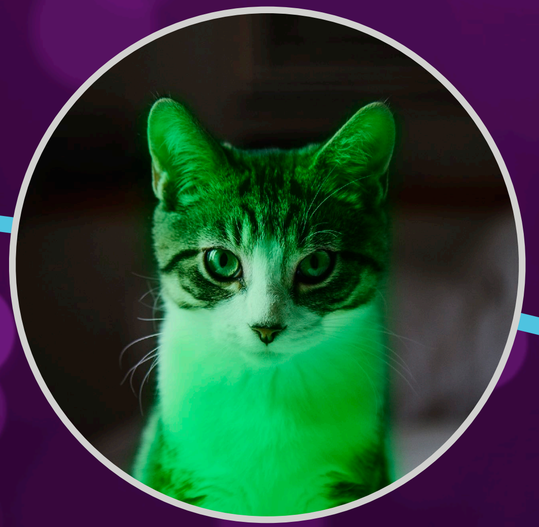

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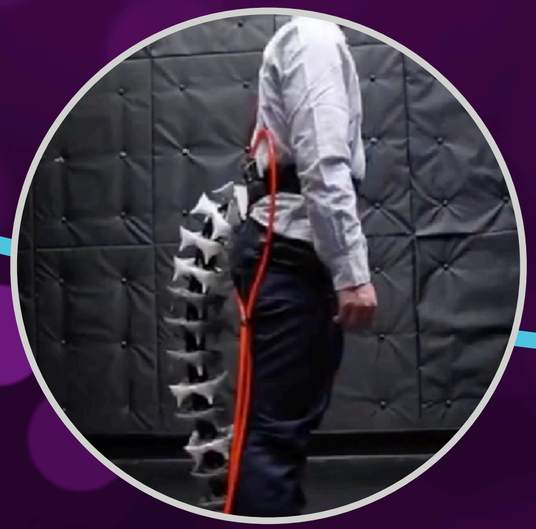

Source:Keio University Graduate School of Media Design Radical Bodies Group & Embodied Media | https://choosemuse.com/muse-2/

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Dad’s Robotic Tail Helps Him Live Independently

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The Kitchen Robot's "Remote Control Mode"

Source: Moley Robotics

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What We Have Seen?

Better Health

Flipped Supply Chain to Power Creatives

Easier Global Collaboration and More Widespread Ownership

Superpowers at Home and Work

New Experiences

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How Will We Get There?

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Needed:
Business + Privacy + Ethical Model

SMART MIRROR
5m ago
Your smart mirror wants to send videos of you to your skin cancer screening service. OK?
Slide for more
PHOTO SHARING SERVICE
5m ago
Your photo sharing service wants to send videos of you to your health insurance company. OK?
Slide for more

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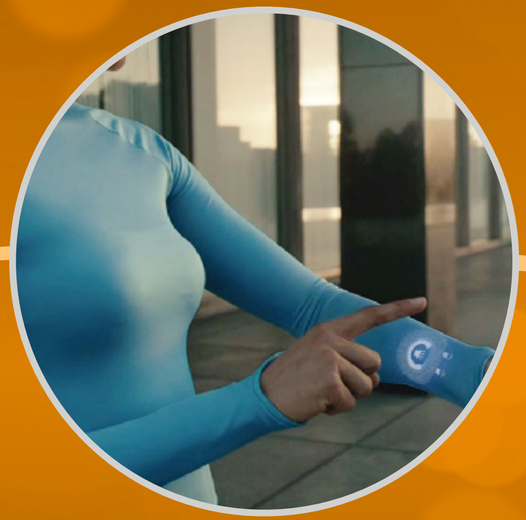

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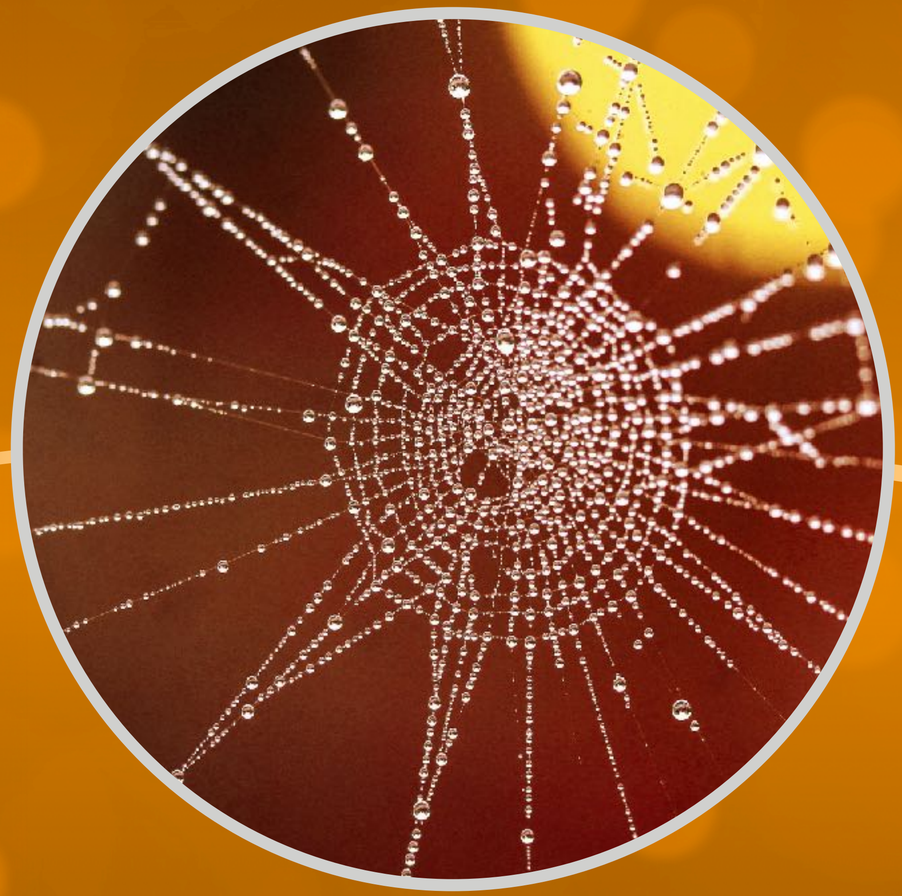

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Needed:
Higher Level Biology Engineering Design Patterns

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Source: https://www.nexdatacenter.com/why-should-data-center-elements-be-monitored/

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Needed:
Radical Simpler User Experience

Source: https://www.nexdatacenter.com/why-should-data-center-elements-be-monitored/

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Needed:
Scaled Up, Cost Competitive Engineered Meats

Lab-grown Meat
FUTURE OF PROTEINS
Cooking instructions
Grill or pan fry for half minutes
side at medium heat. Season to your taste
and they are delicious
PLEASE DO NOT OVER COOK

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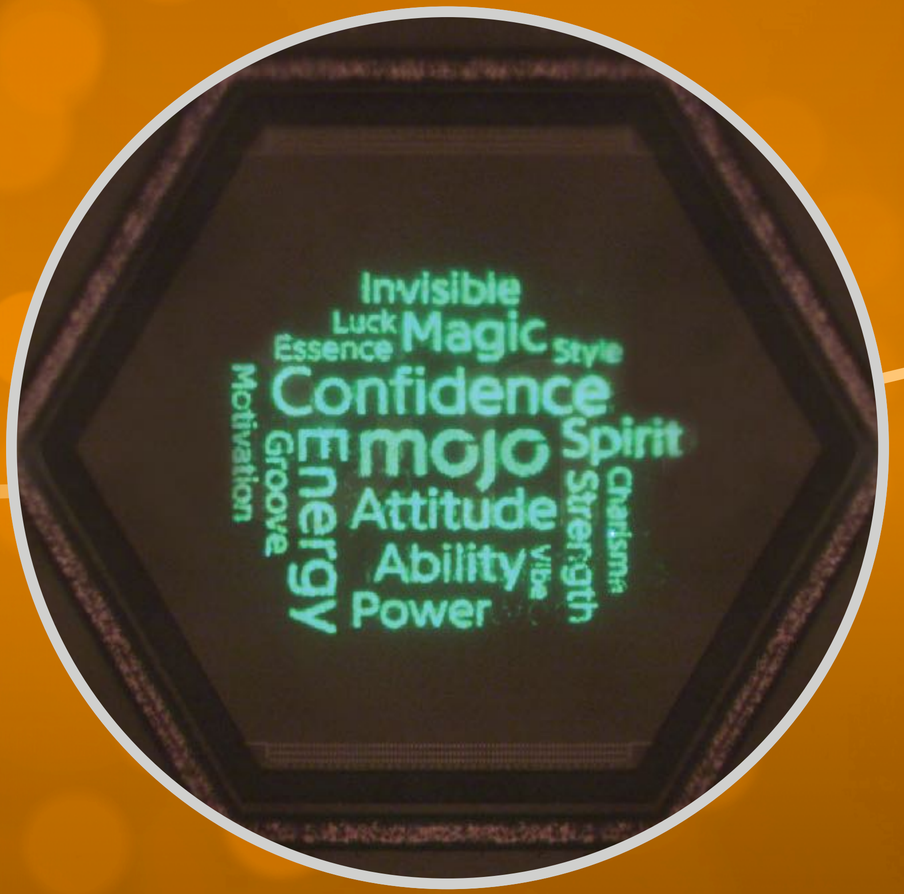

Source: mojo.vision

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Needed: High-Resolution Projectors Embeddable in Contact Lenses

Source: mojo.vision

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Needed: High-Resolution Projectors Embeddable in Contact Lenses

Ladybug
(-10mm)

Source: mojo.vision

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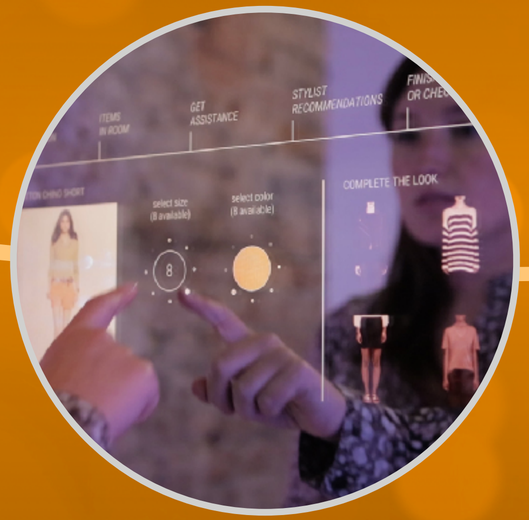

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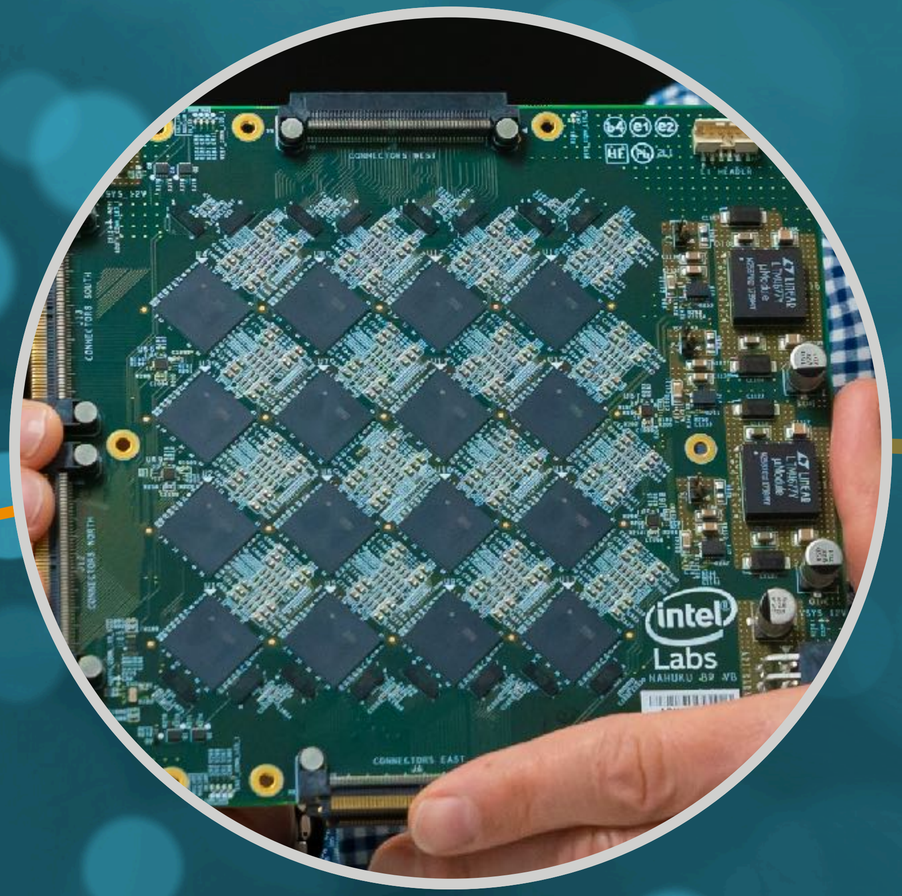

Source: https://newsroom.intel.com/news/intels-pohoiki-beach-64-chip-neuromorphic-system-delivers-breakthrough-results-research-tests/#gs.g0g6nm

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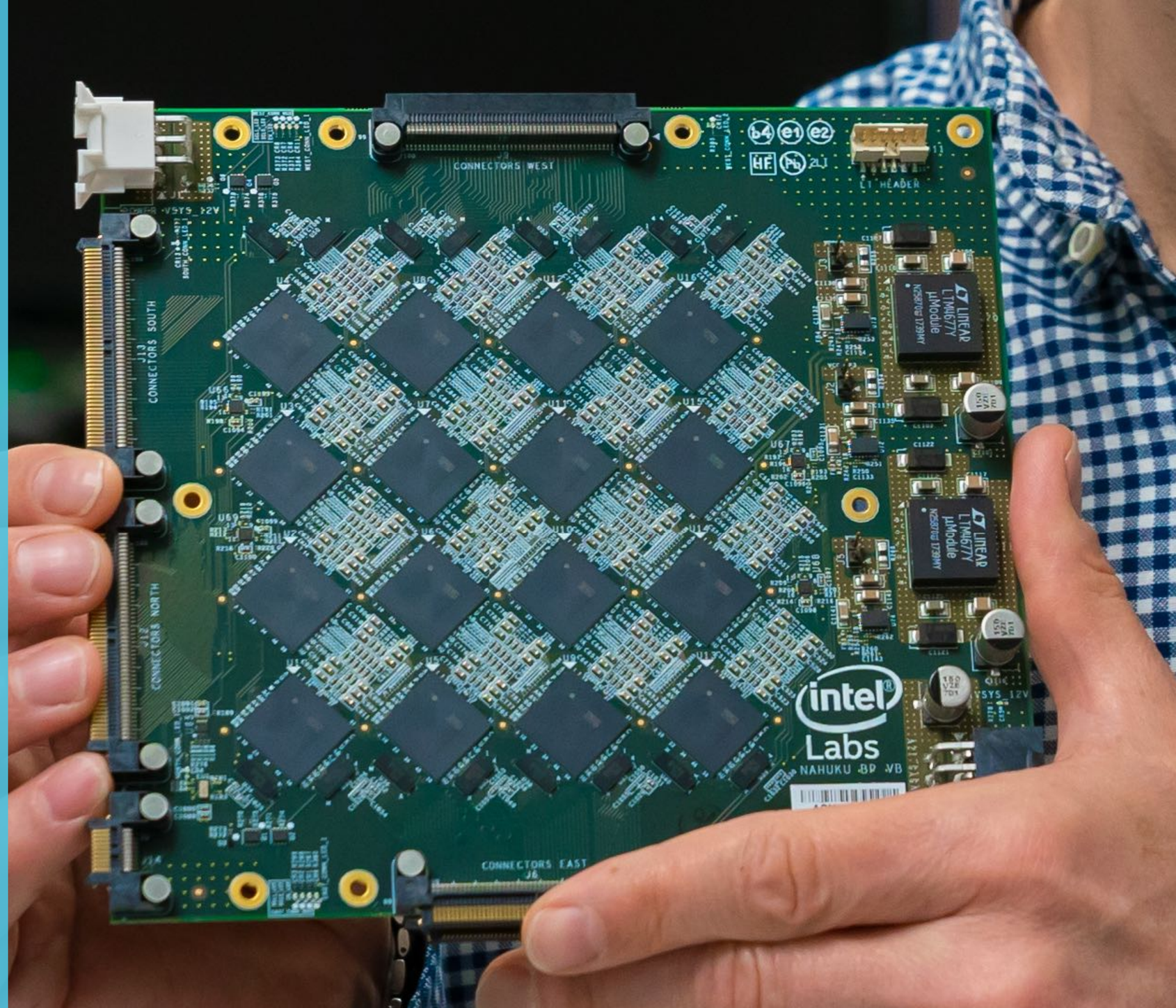
Needed: Neuromorphic Chips Inspired by Brain Anatomy



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Needed: General Learning and Altruistic Software Inspired by Kids' Brains

Source: Max Planck Institute for Evolutionary Anthropology

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Source: theurbanist.org

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Needed: Society & Regulators Saying “Yes”

Source: theurbanist.org

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Needed:
Post Quantum Cryptography

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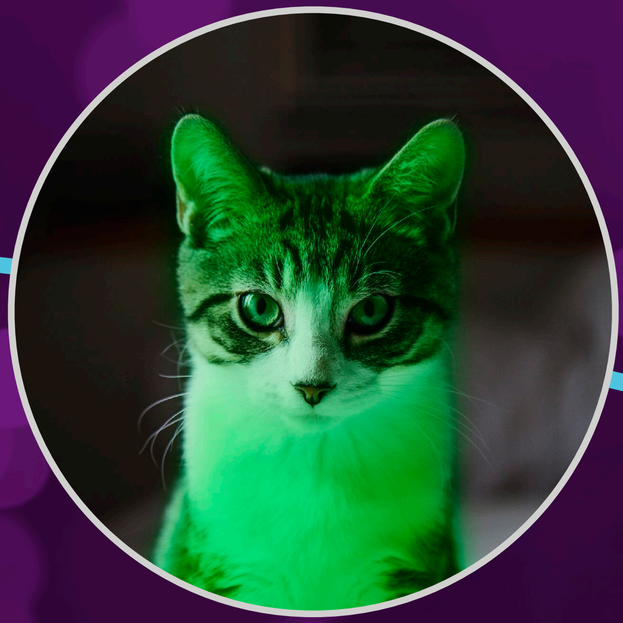

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COMPUTATION

Columbia Engineers Translate Brain Signals Directly into Speech

Advance marks critical step toward brain-computer interfaces that hold immense promise for those with limited or no ability to speak.

January 29, 2019 | NEW YORK

SHARE THIS:

ientific first, Columbia neuroengineers have
a system that translates thought into
ecognizable speech. By monitoring
n activity, the technology can
ds a person hears with
breakthrough, which
thesizers and

FEATURED RESEARCHER

Source: https://zuckermaninstitute.columbia.edu/columbia-engineers-translate-brain-signals-directly-speech

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Needed: Translate Brain Signals Into Sound

Columbia University in the City of New York

COLUMBIA | Zuckerman Institute

Mind. Brain. Beha

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COMPUTATION

Columbia Engineers Translate Brain Signals Directly into Speech

Advance marks critical step toward brain-computer interfaces that hold immense promise for those with limited or no ability to speak.

January 29, 2019 | NEW YORK

SHARE THIS:

In a scientific first, Columbia neuroengineers have created a system that translates thought into intelligible, recognizable speech. By monitoring someone's brain activity, the technology can reconstruct the words a person hears with unprecedented clarity. This breakthrough, which harnesses the power of speech synthesizers and artificial intelligence, could lead to new ways for

FEATURED RESEARCHER

Source: https://zuckermaninstitute.columbia.edu/columbia-engineers-translate-brain-signals-directly-speec

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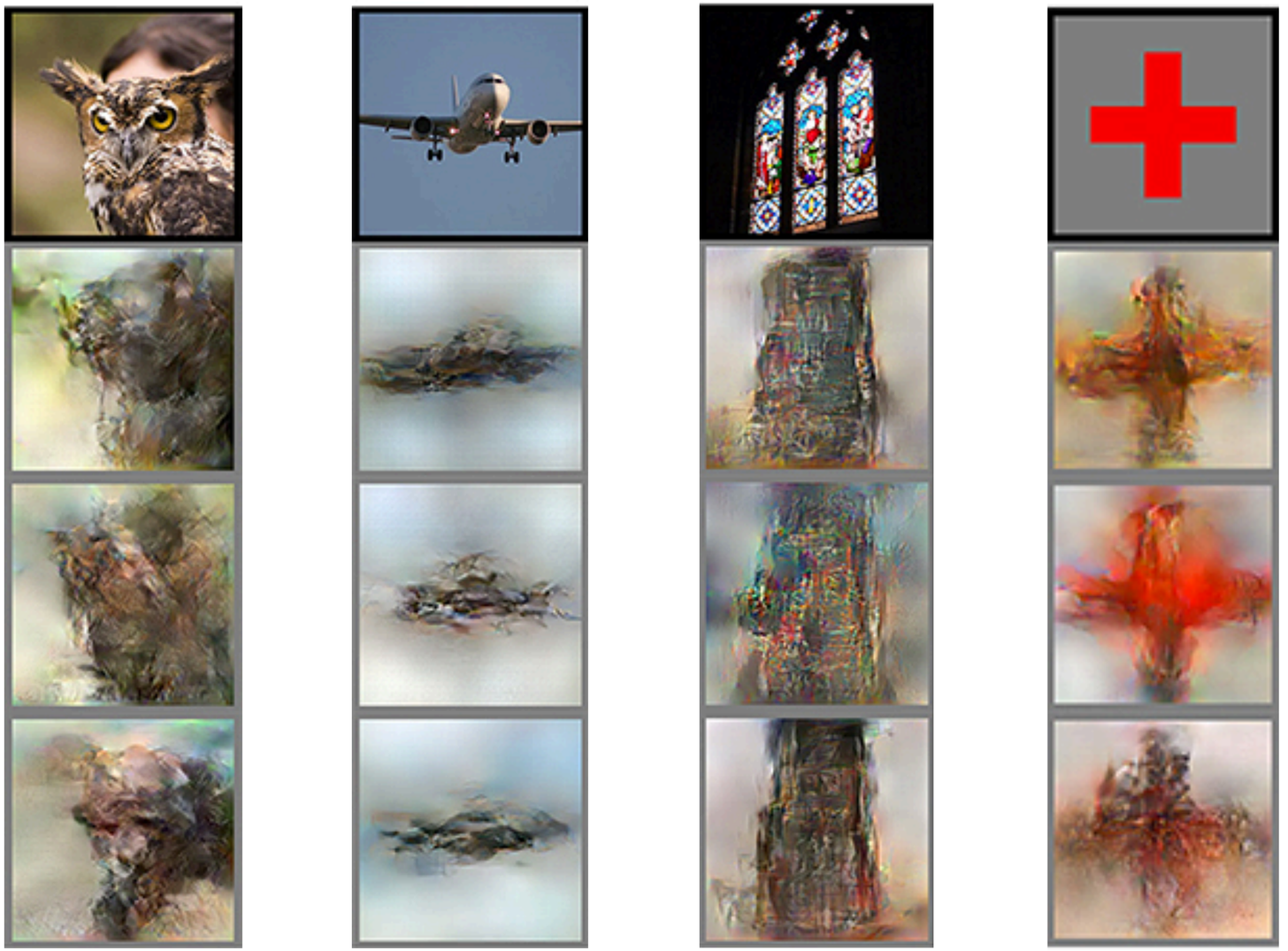
Needed:
Translate Brain Signals Into Images



Source: https://kamitani-lab.ist.i.kyoto-u.ac.jp

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The Future is INEVITABLE

a16zSummit